

Title (en)

METHOD OF MANUFACTURING A SEALED THERMOELECTRIC MODULE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES VERSIEGELTEN THERMOELEKTRISCHEN MODULS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN MODULE THERMOÉLECTRIQUE SCELLÉ

Publication

EP 3257089 A1 20171220 (EN)

Application

EP 16703971 A 20160210

Priority

- NO 20150216 A 20150213
- EP 2016052791 W 20160210

Abstract (en)

[origin: WO2016128442A1] The present invention relates to a method for manufacturing a thermoelectric module which utilises the concept of solid-liquid interdiffusion bonding for both forming the metallization, interconnection and bonding between the thermoelectric elements and the electric contacts and the forming of a hermetically sealing of the thermoelectric module.

IPC 8 full level

H01L 35/18 (2006.01); **H01L 35/32** (2006.01)

CPC (source: CN EP NO US)

B23K 20/026 (2013.01 - NO); **H10N 10/01** (2023.02 - EP US); **H10N 10/17** (2023.02 - CN EP NO US); **H10N 10/85** (2023.02 - NO); **H10N 10/853** (2023.02 - CN EP US)

Citation (search report)

See references of WO 2016128442A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016128442 A1 20160818; CN 107210354 A 20170926; CN 107210354 B 20200424; DK 3257089 T3 20190617; EP 3257089 A1 20171220; EP 3257089 B1 20190501; NO 20150216 A1 20160815; US 10468576 B2 20191105; US 2017365765 A1 20171221

DOCDB simple family (application)

EP 2016052791 W 20160210; CN 201680009899 A 20160210; DK 16703971 T 20160210; EP 16703971 A 20160210; NO 20150216 A 20150213; US 201615540120 A 20160210